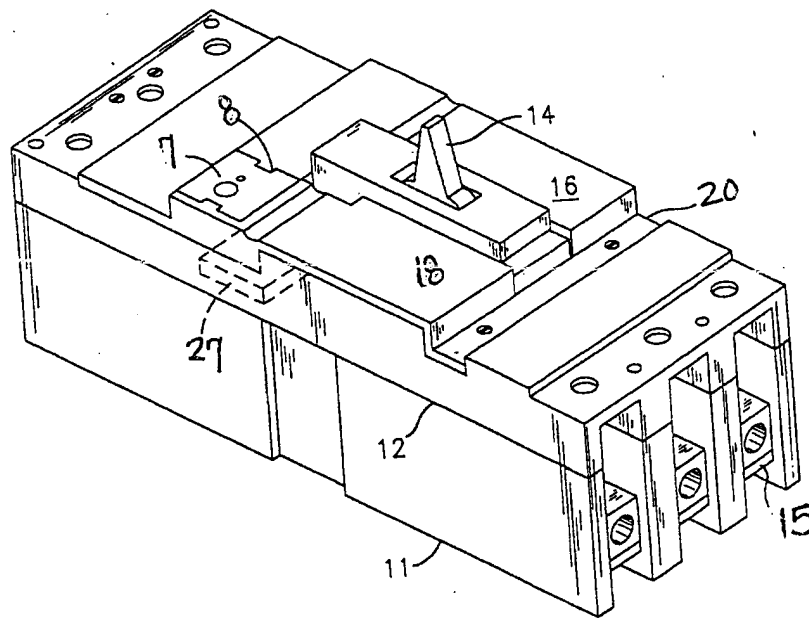


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**FIG. 1**  
(PRIOR ART)

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Fig. 1 is a perspective view of a mechanical assembly 10. The assembly includes a base 11 with two L-shaped brackets 17. A vertical support 12 is attached to the base. A horizontal member 14 is positioned above the support. A bracket 23 is mounted on the support, holding a component 25. A dashed line 7 indicates a hidden part. Other labels include 82, 84, 86, 88, 90, and 92.

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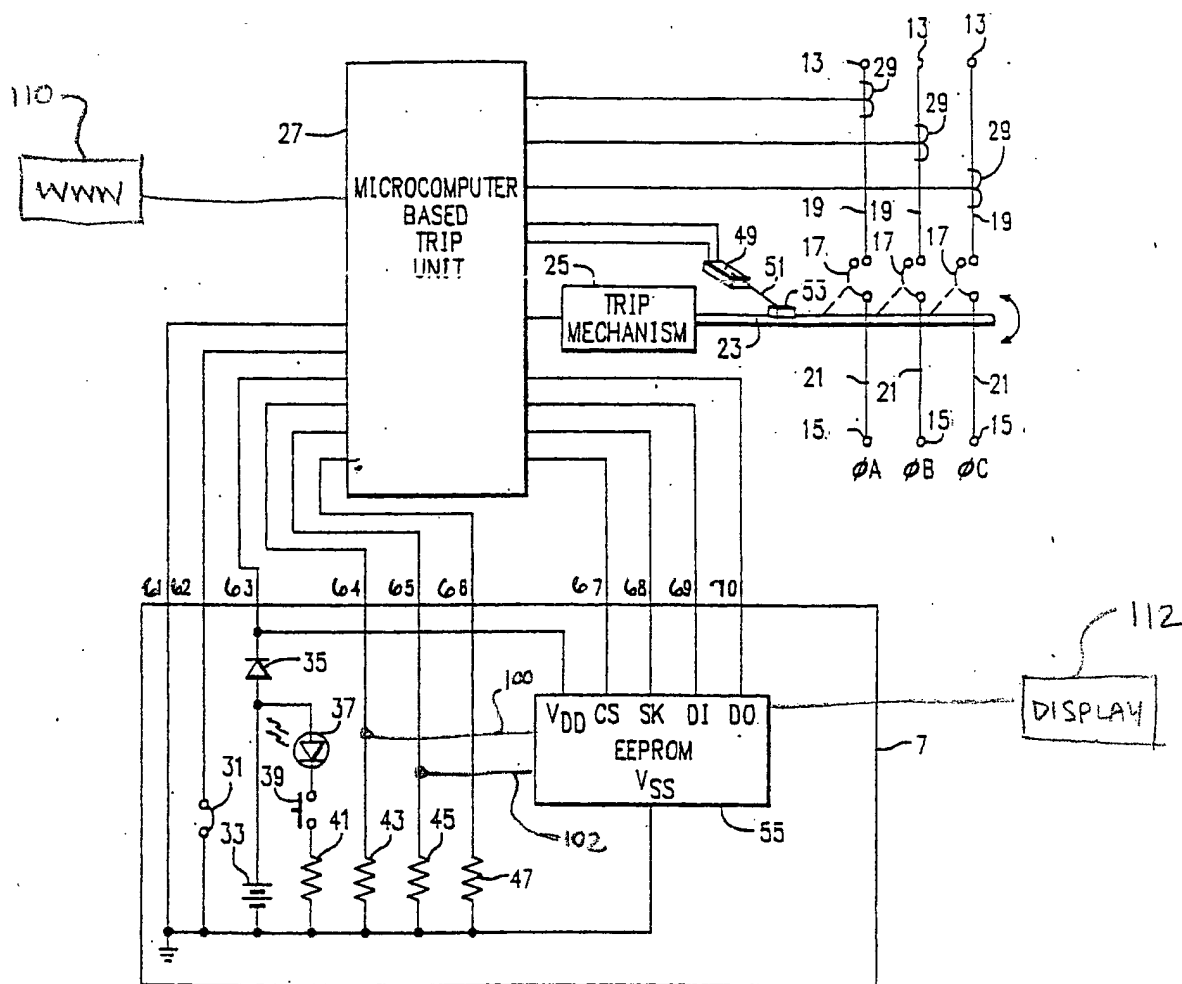


FIG. 3

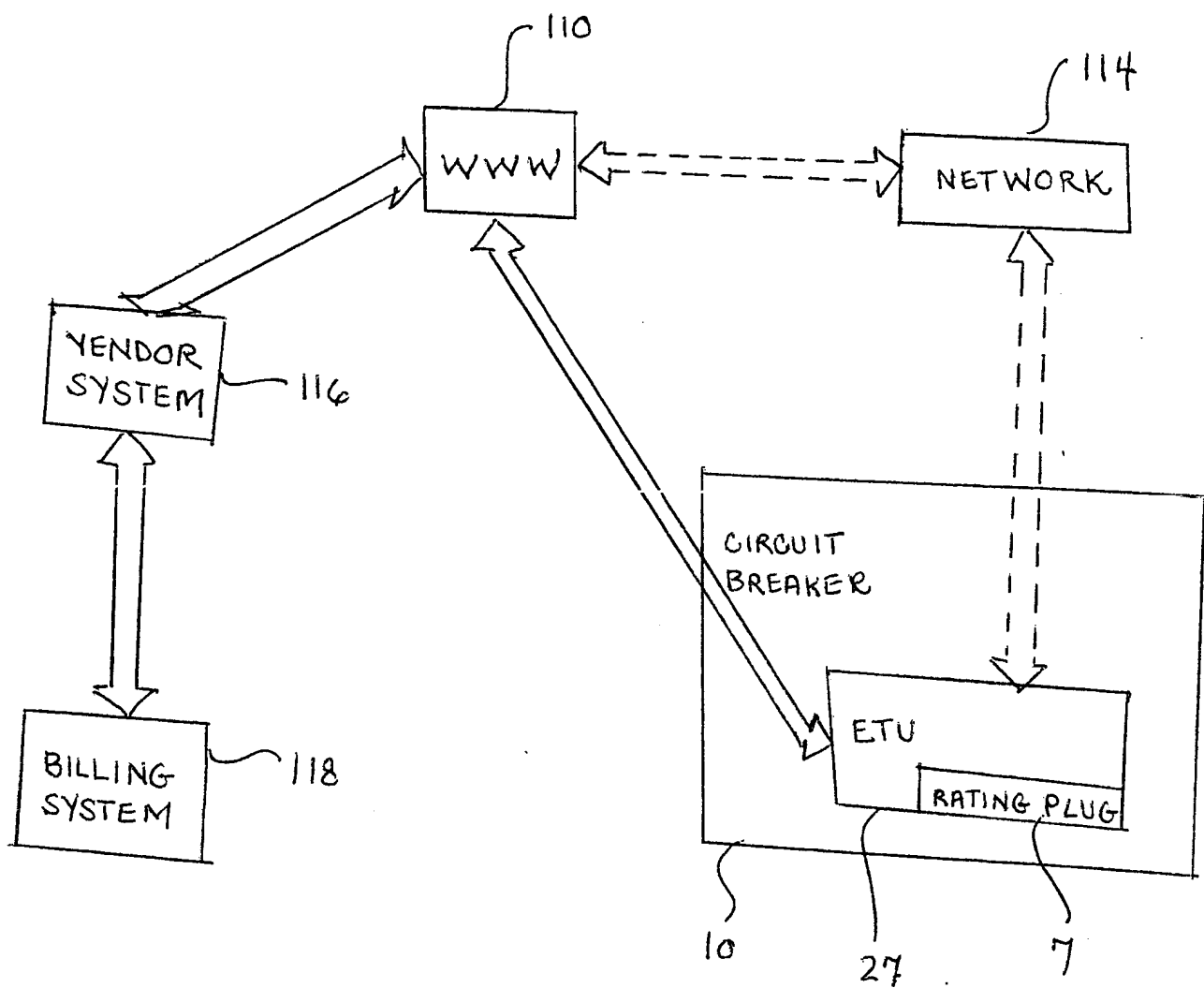
[illegible]

FIG. 4

The diagram illustrates a microcomputer-based trip unit system. A central block labeled "MICROCOMPUTER BASED TRIP UNIT" (27) is connected to a "TRIP MECHANISM" (25). The trip unit is interfaced with an external circuit (125) via a bus system. The bus includes lines 64, 65, 66, 67, 68, 69, and 70. These lines connect to a block labeled "EEPROM" (126), which has pins for VDD, CS, SK, DI, DO, and VSS. The external circuit (125) also includes a ground connection. On the right side, a detailed view of the trip mechanism shows a series of contacts (13, 19, 17, 15) and a common terminal (21) connected to a bus (23). The contacts are labeled with phase indicators  $\phi A$ ,  $\phi B$ , and  $\phi C$ . A switch (49) is shown in the center of the mechanism, and a component (51) is connected to the bus (23).

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